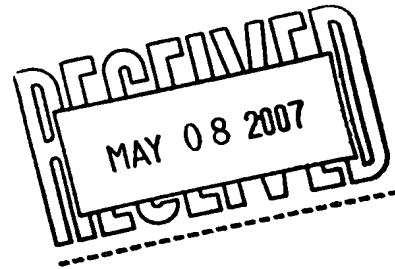


05/08/2007 15:58 FAX

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IMPORTANT FAX DOCUMENT

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ATLANTA, GEORGIA 30309-3915  
678-420-9300  
NRDLROSENBERG.COM

DATE May 8, 2007

NAME MAIL STOP PCT  
Missing Requirements

COMPANY United States Patent & Trademark Office

FAX NUMBER 1-571-273-3201

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FROM Donna Roberts  
On behalf of J. Gibson Lanier, Patent Agent

REFERENCE NO. 21108.0042U2

OUR FAX NUMBER 678-420-9301

NUMBER OF PAGES 9 (including cover sheet)

Re: Application Serial No. 10/587,300

Per the attached **RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS**.

**CONFIDENTIALITY NOTE**

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**ATTORNEY DOCKET NO. 21108.0042U2  
PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
David I. Yule	)	Art Unit: 1646
	)	
International Application No. PCT/US2005/02380	)	Examiner: Unassigned
U.S. Application No. 10/587,300	)	
	)	Confirmation No. 1912
International Filing Date: January 26, 2005	)	
U.S. Filing Date: January 26, 2006	)	
	)	
For: INOSITOL 1,4,5-TRISPHOSPHATE	)	
RECEPTOR MUTANTS AND USES	)	
THEREOF	)	

**RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS UNDER 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Via Facsimile: (571) 273-3201  
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Needle & Rosenberg, P.C.  
CUSTOMER NUMBER 23859

May 8, 2007

Sir:

In response to the **March 30, 2007**, Notification of Missing Requirements Under 35

U.S.C. 371 in The United States Designated/Elected Office (DO/EO/US), enclosed is:

1. A copy of the executed Declaration from the inventors associated with this Non-Provisional Patent Application who is identified by place of residence, and country of citizenship, and
2. a copy of the official Notice.
3. Credit Card Authorization Form (PTO-2038) in the amount of \$250.00 as payment of fee for submitting a specification and drawing containing more than one hundred (100) pages in excess of 150 pages for a small entity in

574034\_1.DOC


ATTORNEY DOCKET NO. 21108.0042U2  
INTERNATIONAL APPLICATION NO. PCT/US2005/02380  
U.S. APPLICATION NO. 10/587,300

compliance with 37 CFR 1.27.

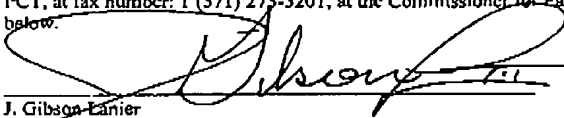
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

  
J. Gibson Lanier  
Registration No. 57,519

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859  
(678) 420-9300 (phone)  
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<u>CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8</u>	
I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile to: MAIL STOP PCT, at fax number: 1 (571) 273-3201, at the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.	
 J. Gibson Lanier	Date <u>5/8/07</u>

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U.S. APPLICATION NUMBER NO. 10/587,300	FIRST NAMED APPLICANT David L. Yule	ATTY. DOCKET NO. 21108.0042U2
INTERNATIONAL APPLICATION NO. PCT/US05/02380		
LA. FILING DATE 01/26/2005	PRIORITY DATE 01/26/2004	

 23859  
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 999 PEACHTREE STREET  
 ATLANTA, GA 30309-3915

 CONFIRMATION NO. 1912  
 371 FORMALITIES LETTER


\*OC000000023096592\*

Date Mailed: 03/30/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 07/26/2006
- Copy of the International Search Report filed on 07/26/2006
- Preliminary Amendments filed on 07/26/2006
- Biochemical Sequence Diskette filed on 07/26/2006
- Biochemical Sequence Listing filed on 07/26/2006
- U.S. Basic National Fees filed on 07/26/2006
- Priority Documents filed on 07/26/2006
- Specification filed on 07/26/2006
- Claims filed on 07/26/2006
- Abstracts filed on 07/26/2006
- Drawings filed on 07/26/2006

RAH/BLD/DR  
 By: [Signature] DOCKETED Date: 4/3/07  
 Reviewed: [Signature] Date: 4/4/07  
 [Signature] Date: 4/4/07

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$250 for a Small Entity:

- The fee for submitting a specification and drawing containing more than 100 pages has not been paid in full. Applicant owes \$250 for 84 pages in excess of 150 pages for a small entity in compliance with 37 CFR

1.27.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

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**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/587,300	PCT/US05/02380	21108.0042U2

FORM PCT/DO/EO/905 (371 Formalities Notice)